

FIG.1

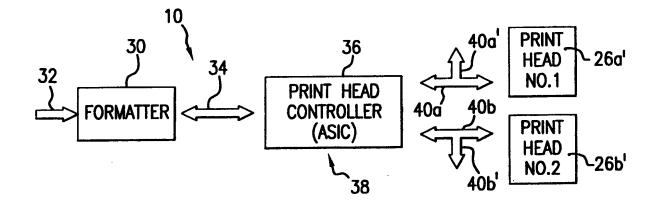
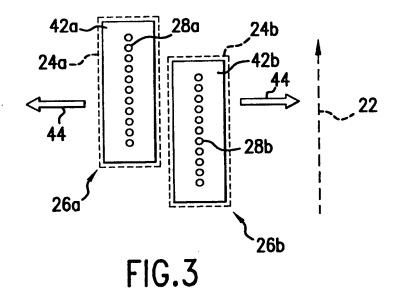
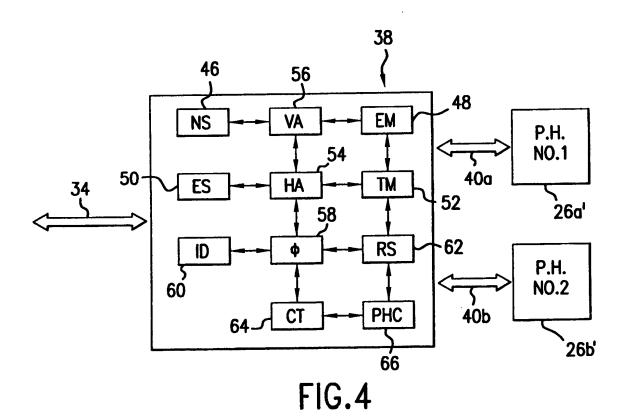


FIG.2



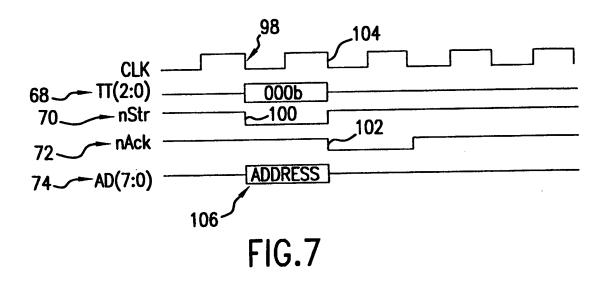


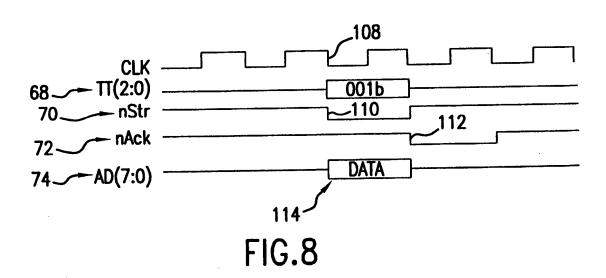
	SIGNAL	WIDTH	PURPOSE
68 —	~Π	3	INFORMS PHC OF TYPE OF DATA TRANSFER
70	_nStr	1	INFORMS PHC THAT DATA IS AVAILABLE
, 0			TO STROBE IN
72 🔪	∽nAck	1	USED BY PHC TO ACKNOWLEDGE EACH
			SUCCESSIVE BYTE OF DATA
74~	– AD	8	BIDIRECTIONAL MULTIPLEXED
			ADDRESS/DATA BUS
76 ~	/IRQ	1	USED BY PHC TO INTERRUPT
	1		FORMATTER
78~	Enc	2	PROVIDES PHC WITH ENCODER
70			PULSES (SCHMIDT TRIGGER INPUTS)
(_DataReq1	1	USED BY PHC TO REQUEST PRINT DATA
80	Γ '		FOR PH# 1 (CAN BE PROGRAMMED TO
			REQUEST DATA FOR EITHER PH)
82 ~	-DataReg2	1	USED BY PHC TO REQUEST PRINT DATA
	•		FOR PH# 2
			

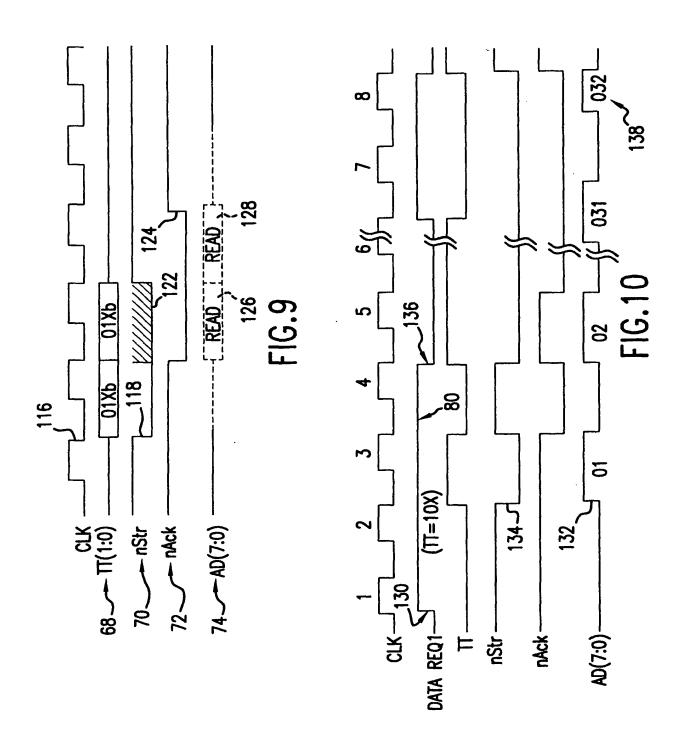
FIG.5

	TT[1:0]	DEFINITION
84	- 000	REGISTER ADDRESS
86~	- 001	REGISTER WRITE DATA
88	- 01X	REGISTER READ
90 —	- 101	FIRST BYTE OF 32 BYTE BLOCK PH #1 PRINT DATA
92~	- 100	BYTES 2-32 OF PH #1 PRINT DATA BLOCK
94~	-111	FIRST BYTE OF 32 BYTE BLOCK PH #2 PRINT DATA
96	-110	BYTES 2-32 OF PH#2 PRINT DATA BLOCK

FIG.6







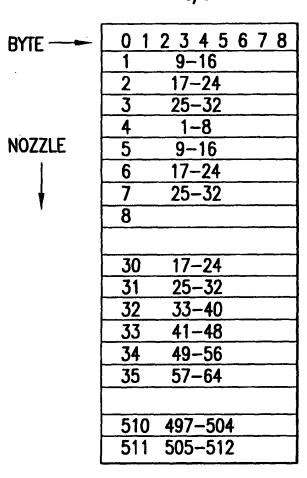


FIG.11

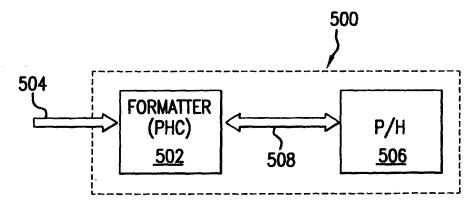


FIG.12 PRIOR ART